

SBARA—The South Bay Amateur Radio Association

January, 2013
Volume 14, Issue 1

Your Newsletter Editor Welcomes you to SBARA 2013—A Fun Action Packed Year of Amateur Radio for Your Club!!

We're Glad You're here and we are planning a great year of activities, events, and presentations!

We held Club Elections in November and these members were voted by you to be our Leadership for the coming year!

SBARA Election Results

The annual business meeting of the South Bay amateur Radio Club was held November 2012. At this meeting we elected the officers of the Club to serve a one year term Beginning January 1st 2013. The election results are as follows:

President—	Albert Wu	KJ6CHW
Vice-President —	Steve “the other one” Wilson	KG6HJU
Secretary -	Ray Fellers	KJ6AMF
Treasurer—	Don Amyx	N6DA



Why is the ARRL called a “Relay League?”

The very first Amateur stations were called “Relay Stations,” because their first recognized function was to relay message traffic. Back in 1915, when the first issue of QST was printed, they were using low-frequency spark-gap transmitters to send messages in Morse code. Today, we send traffic using Morse code, voice, and digital modes, with an established message format, in a nationwide network called the National Traffic System (NTS). The NTS is a traffic system established by the ARRL.

Many traffic nets are affiliated with NTS, while others are independent. Many independent nets are seamlessly integrated with the NTS, through liaison stations, so that virtually all traffic nets are points of entry and exit for messages, and also provide message relay services to efficiently move traffic from origin to destination. There are two general types of traffic nets: rou-

tine and emergency. The routine nets operate on daily schedules, and handle traffic that is routine (non-emergency), providing a system for maintaining traffic net structure and operator proficiency. They are usually operated in a directed, controlled manner by a Net Control Station (NCS), and are semiformal.

The emergency nets are operated as needed, usually by ARES and/or RACES stations, to meet the communications needs of disaster and emergency response teams. Emergency nets are strictly formal, and only stations participating in the emergency are allowed to check in. It is an enjoyable and valuable public service to acquire and maintain traffic handling proficiency. Traffic handlers and traffic nets are prepared to handle both routine and emergency traffic, whenever the need arises.



ITU Phonetic Alphabet

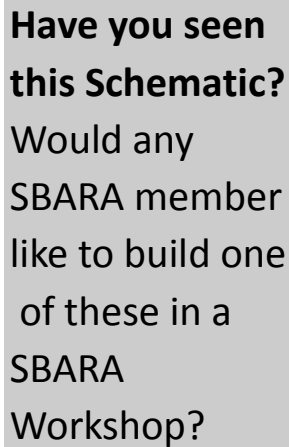
A ALFA
B BRAVO
C CHARLIE
D DELTA
E ECHO
F FOXTROT
G GOLF
H HOTEL
I INDIA
J JULIETT
K KILO
L LIMA
M MIKE
N NOVEMBER
O OSCAR
P PAPA
Q QUEBEC
R ROMEO
S SIERRA
T TANGO
U UNIFORM
V VICTOR
W WHISKEY
X X-RAY
Y YANKEE
Z ZULU

Inside this Issue

Election Results.....	1
Morse Code in the Movies.....	3
CW Net and Repeater Info	4
VE Test Dates.....	4
Net Information.....	5
Happenings.....	6

Special Points of Interest

Primavera
Schematic Diagram



SBARA to Support 2013 Primavera Bicycle Event

SBARA has been asked to provide radio support for the Primavera bicycle Ride on Sunday April 21, 2013. The bike ride starts and ends at Mission San Jose High School in Fremont, travels south to Ed Levin Park, East/North up Calaveras Rd to Sunol, East through southern Pleasanton and Livermore to the top of the Altamont Pass then west back through central Livermore and Pleasanton, over the Dublin grade next to 580, south down Palomares Rd. to Niles Canyon and back to Logan High School.

There are options for rides of 25,40,60 and 100 miles. We need to cover 5 aid stations, plus net control and as many SAG vehicles as possible, up to 17. The most important SAG areas to cover with Ham Radio are Calaveras Rd and Palomares Canyon as cell phones do not work there. For additional information see: <http://www.ffbc.org/primavera/>

An HT with any outside the car antenna will work for SAG.

An HT with a rubber ducky and 11 hours of battery will suffice at all the aid stations. We will be using the 147.045+ repeater on Sunol ridge. Except in the area of Ed Levin where we will use W6MLP 145.43-

Morning only or afternoon only shifts are available. Contact Tony Flusche at: ab6br@arrl.net or you may call him at: 510-247-3220.



Morse Code Plays Role in Spielberg Movie

Producer Steven Spielberg has used Amateur Radio or Morse code in three of his last four movies: *Super 8* (2011), *The Adventures of Tin Tin* (2011) and *Lincoln* (2012). Members of the Morse Telegraph Club (MTC) -- an association of

retired railroad and commercial telegraphers, historians, radio amateurs and others with an interest in the history and traditions of telegraphy and the telegraph industry -- played an integral part in the production of *Lincoln*.

According to International President of the Morse Telegraph Club James Wades, WB8SIW, several MTC members -- including Tom Perera, W1TP; Derek Cohn, WB0TUA; Kevin Saville, N7JKD, and Roger Reinke -- provided telegraph instruments to equip the 16 operating positions portrayed at the War Department set. Jim Wilson, K4BAV, and his son Matt had roles as extras. Wilson also worked with production staff and the actors to explain telegraph technology and the role of the telegrapher in the 1860s.

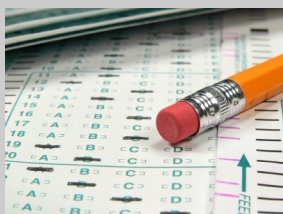


Fremont "T" Hunt



Transmitter hunting (also known as **T-hunting**, **fox hunting**, **bunny hunting**, and **bunny chasing**), is an activity wherein participants use [radio direction finding](#) techniques to locate one or more radio [transmitters](#) hidden within a designated search area. This activity is most popular among [amateur radio](#) enthusiasts, and one organized sport variation is known as [amateur radio direction finding](#). organized sport variation is known as [amateur radio direction finding](#).

Get Involved with SBARA...



...come to a monthly meeting

Our regular meetings take place the second Friday of at 7pm our meeting social begins with the monthly meeting starting at 7:30pm. Everyone is welcome to attend, regardless of whether you are a mem-

Exam sessions are conducted by SBARA VE volunteers working under the direction of the FCC. There is a charge for taking the exam. The exam fee is set by the Volunteer Exam Coordinator. SBARA's Fee is \$15.00

SBARA VE Testing Schedule

Exams will be administered at Hurricane Electric, 48233 Warm Springs Blvd., Fremont. Contact: Greg Miller, wy6p at arrl dot net for info. \$15 fee, bring a photo ID. Walk-ins allowed.

Tri-City VE Session Dates 2013

Sat Jan 12, 2013, 9:00 am – 11:30 am
Tue Feb 12, 2013, 6:30 pm – 9:00 pm
Sat Mar 9, 2013, 9:00 am – 11:30 am
Tue Apr 9, 2013, 6:30 pm – 9:00 pm
Sat May 11, 2013, 9:00 am – 11:30 am
Tue Jun 11, 2013, 6:30 pm – 9:00 pm
Sat Jul 13, 2013, 9:00 am – 11:30 am
Tue Aug 13, 2013, 6:30 pm – 9:00 pm
Sat Sep 14, 2013, 9:00 am – 11:30 am
Tue Oct 8, 2013, 6:30 pm – 9:00 pm
Sat Nov 9, 2013, 9:00 am – 11:30 am
Tue Dec 10, 2013, 6:30 pm – 9:00 pm



Are you looking for your favorite Repeater? Here is information you can use!

WA6PWW— 147.015 + 600Khz, PL
103.5

WA6PWW—223.900—500Khz, PL
107.2

WA6PWW—442.600 +5Mhz, PL107.2

K6AIR—146.940—600Khz, PL 123.0

K6AIR—441.525 +5Mhz, PL 123.0

ARES Net Meeting—Tuesday Evenings
@ 7:30pm on 147.015+600Khz, PL
103.5

Monday SBARA Net

The SBARA net is taking place....

Every Monday night at 7:30 pm on the WA6PWW (currently N6IMS) repeater, 147.015 MHz, positive offset, PL (if enabled) 103.5 Hz.

Topics are club related things, projects you're working on and so on. It's a chat net.

We need net control operators. If you'd like to be net control, let us know during the next net

.
—... ..—

SBARA Weekly Nets—Voice and CW Action!!

The Slow CW Net is Taking Place....

Every Thursday and Sunday night at 7:30 pm,
Thursday on 144.230 MHz
Sunday on 7.057MHz +/- 3 kHz

You need an “allmode” (i.e. not just an FM) radio in order to follow.

The net has now its own e-mail address. Please contact us here:

“SF Bay CW Enthusiasts” <sf-bay-cw-enthusiasts at googlegroups.com>

—... ..—

Bernhard AE6YN

SBARA Local Nets...

Our take place the second Monday at 7:30 pm. We also have a CW Net on Sundays at 7:30 pm on 2 meters. Everyone is welcome to sign in to one or both of these fun Nets, regardless of whether you are a member or not.

Local nets are those which cover small areas such as a community, city, county or metropolitan area, not a complete ARRL section SBARA oper-



Upcoming SBARA Events

SBARA - Groundplane

The Groundplane is published monthly by the South Bay Amateur Radio Association. Articles and letters are always welcome. The normal deadline for material is the 20th day of each month for the next month's news-letter. Articles can be sent by email to hamradio at Comcast dot net or via U.S. Mail. Contact the Editor for details and submission guidelines.



N2013 SBARA Kick-Off Action Packed Meeting

**January 11th, 2013 at 7:30pm
Hurricane Electric, Fremont**

Amateur License Exams

ARRL VEC– January 12th @ 9:00 am at
Hurricane Electric – 48233 Warm Springs
Blvd. Fremont.

Contact: Bernhard, ae6yn at arrl dot net
for info. \$15 fee.

South Bay Amateur Radio Association — SBARA
The Ground Plane — KU6S
<http://www.sbara.org>
P.O. Box 8401
Fremont, Ca.

PLEASE
PLACE
STAMP
HERE